Light-Weight Flexible Shelter Structure With Improved Volume

ABSTRACT OF THE DISCLOSURE

A flexible shelter structure ~~is disclosed. The flexible shelter structure~~ has an elongated flexible main pole having first and second ends terminating in a substantially common plane, such as the ground or a base. The pole typically assumes a substantially arcuate shape under tension. A plurality of spars are connected to the pole in a flexible floating arrangement to form a flexible frame. The spars typically assume a generally arcuate shape under tension but their ends do not terminate in the common plane. A membrane is connected to the flexible frame to tension the main pole and the spars and define a substantially sheltered space.

PA 3154749 v1